## FEDERAL MINE DEVELOPMENT CO.

HERBERT B. ATHA, President.

This company has been formed to take over and develop good mining prospects, not to sell stock, and would be pleased to have any worthy properties called to its attention.

OFFICE: Arizona Egyptian Cotton Co.

### The MINES of ARIZONA

This department is under the direction of Mr. W. E. Defty, the well known mining engineer, who will carefully scrutinize all matters relating to mining in order that only reliable information re-garding legitimate enterprises

The Republican would be pleased to receive information from any part of the state regarding the development of the mining in-dustry. All communications should he addressed: Mining Department Arizona Republican.

What He Saw In Arizona President Carl Scholz of the Ameri-an Mining Congress after his return

Mining Congress after his return to Chicago from a tour of the west adstreamed a meeting of the congress there and said among other things:

I have just returned from attendance at the Arizona meeting of the American Institute of Mining Engineers. While there I was asked to speak on the essential difference between that body and the American Mining Congress. I told them that I desimed their hody the medical adviser of capital, for their business is to advise the current \$6 rate.

Miami Copper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co.

Profits approximating \$5,850,000 will have accrued to Miami Coper Co. of capital, for their business is to advise on investments. And the American Mining Congress is the spiritual share falls due. nationer to all interests in mining. We Profits for the six months ended take up the problems that all have in June 30 totaled \$3,439,000. It is estimated and try to find a solution for mated that profits for the third quar

While in Arizons at the convention I took occasion to invite to our gathering J. S. Douglas, the man who discovered what may possibly be the greatest copper mine in the world, the I nited Verde Extension.

And this reminds me of one great the band on the big export contract. While in Arizona at the convention

And this reminds me of one great, be paid on the big export contract, sie which is coming before the con-

# FOR SALE BUCKHORN

showing than other Jewell group recently bonded, and two miles distant, which has JUST STRUCK large body COPPER-GOLD ore. Have OPTION on group offered, at LOW PRICE and easy terms. QUICK ACTION means BIG MONEY made. Can be bonded at double this purchase price. Qualifyng principals (no agents) write with references to JNO. J. DILLON, P. O. Box 1526, Los Angeles.

### R. D. O. JOHNSON

Mining Engineer

Room 4, Lewis Bldg. Phone 624

MINING PRODUCTS BOUGHT We are Smelters, Refiners and Buyers of Gold and Silver Bullion, Amalgam, Concentrates, Cyanide Product, Battery Chips, Old Copper Plates and

HIGHEST CASH RATES PAID WILDBERG BROS. ESTABLISHED TEN YEARS 414 Pacific Bldg. 4th & Market Sts. San Francisco

## TIRES

D. M	shipped to all oney refunded intact within	on goo	ds re-
	Special Prices		
Size	Plain Treads	Gray	Red
28×3	\$ 6.55	\$1.75	\$1.95
30x3	6.95	1.85	2.10
30x31/2	8.95	2.10	2.35
31x31/2	9.45	2.15	2.40
32x31/2	9.95	2.25	2.45
34x31/2	10.95	2.30	2.55
36x31/2	12.05	2.40	2.75
30×4	13.20	2.80	3.10
31x4	13.85	2.85	3.20
32×4	14.05	2.95	3.30
33×4	14.70	3.10	3.40
34×4	14.95	3.15	3.50
35×4	15.65	3.20	3.60
36×4	15.85	3.30	3.70
34x41/2	20.25	3.85	4.30
35x41/2	20.85	3.95	4.35
36×41/2	21.25	4.10	4.50
37×41/2	21.90	4.15	4.60
35×5	23.65	4.70	5.20
36×5	23.95	4.90	5.35
37×5	24.90	4,95	5.45

NON-SKID PRICES IN PROPOR-

Prices Subject to Change Without

Automobile Tire Co. 5th & Olive Sts., Los Angeles, Cal.

The Oldest Automobile Tire Jobbing Concern in the United States and the largest in the world.

topic of flotation. To the lay mind that means but little. To the mining man it spells revolution in the matter of mining production. Think of it!
By the flotation process they are minlag profitably coper ore running LS%.
This procees, which is simply the use
of oil hubbles to float crushed ore, has

out a value of millions into vast tail-

"And not alone will the government experts discuss flotation, but the men who are making enormous saving in values wherever there are sulphide Panama bonds advanced ½ to ¾ of 1 per cent on call during the week. ores will be in attendance to tell the world how the simplest of ideas, the affinity of a little foaming oil for sulphide ores, is enriching the world by millions and millions—all of which had previously been washed away or gone up in smoke, or was lying in vast refuse dumps at every mine."

them by advocating needed legislation | tet will approximate \$2.150,000, or 665 and needed reforms.

Ore Sampling

The sampling of an ore forms a very important part of the operation car ried out in a mill or smelter, although the reasons for systematic sampling in a concentrating plant are not per haps always the same as those in the case of a smelter. Where a compan-smelts and concentrates its own ores the sampling in the mill is done more for a check on the work and an indication as to what is being done, rather than for any other reasons.

When a lot of ore comes to a smelter

When a lot of ore comes to a smelter it is highly essential to know its com-position and value, because of the fac-that, in order to smelt it correctly, cer-tain fluxes must be added, and the basis for figuring the quantitles of these fluxes is upon the analysis of the ore samples. Therefore, irrespect-ive of any necessity for correct sam-pling in order to get correct parameters. pling in order to get correct paymen the smelter must have corrected sam ples for its own use, and the samplin department is one of the most import ant in a smelter. Upon its corres sampling depends the efficiency of

operation of the plant.

A bulletin descriptive of smelter methods of sampling has been issue by the State Bureau of Mines, as Bulletin No. 26 by H. J. Ständer, and ma be obtained by writing Charles F. W. lis, director, Arizona State Bureau Mines, Tucson, Arizona.

Early Arizona Mining

teresting of all of the mining activities teresting of all of the mining activities within the State of Arizona are those of Santa Cruz county, inasmuch as it was within this area that the Jesuit fathers founded a chain of missions in the Valley of the Santa Cruz river and farther south into Mexico. According to "La Historia del Nayarit," an account of the "labors of the Society of Jesus in Sempitronial America," which work was written by Fra Ortega, one of that order, Father Eusebia Kino, whose name has been immortalized by

In the Santa Cruz Valley, below the Santa Barbara Mission, Fra Kino built \$402,000. Spata Barbara Mission, Fra Kino built four other missions, the first at San Felipe Guevavi, about nine miles north-east of Nogales; another at San Cay-etano del Tumagacori, about nineteen miles northwest from the same town; a third at Santiago, the site of which coint is not known accurately now point is not known accurately now; and the fourth at San Xavier del Bac, and the fourth at sail Advier det bat, nine miles south of Tucson. San Xavier has been restored by the federal gov-ernment, and it is one of the show places of Arizona.

places of Arizona.

In the vicinity of each mission was a presidio, or military post, with a garrison sufficiently strong for protection of the surrounding region from the marauding Apaches who occupied regions beyond the San Pedro and the Gila, whence they were won't to make excursions of rapine and ravage into the country of the Pimas and the Papagoes, peaceable Indians occupying these regions, who readily embraced Christianity, coming easily under the domination of the gentle priests. Those Indians were tillers of the soil and laborers. From among them were drawn the workers in the mines and control of the soil and laborers. From among them were drawn the workers in the mines and control of the soil and laborers. drawn the workers in the mines and on the ranches that the friars and layon the ranches that the friars and layment among the Spaniards discovered and exploited. Tubac, on the Santa Cruz, twenty-two miles from Nogales, was the presidlo near Tumacacori, and recently there have bten unearthed a lot of old, rusty, twelve pound cannon balls that were no doubt for use in some of the artillery of the garrison. Tucson, which had been the site of an Indian village, was the presidio for

Indian village, was the presidio for protection of the country surrounding.

According to the history of that time and the records of the mission now preserved in Spain, the friars at Tun-acacori discovered and wrought rich silver mines in the Santa Rita mounsilver mines in the Santa Rita moun-tains, to the northeast, and in the At-acosa mountains on the southwest. The Salero mines and other properties in the Santa Ritas are known to have been operated by the friars, and in places vestiges of their workings are found today. In recent years a party from California, having a plat or map with a written description of the loca-tion, said to have come from the artion, said to have come from the ar-chives of the old mission, has been searching in the Atacosa mountains for the abandoned mine that the record which they have tells of having been exploited by the friars. Those opera-

tions are established to have been in-augurated very shortly after comple-tion of the mission church and cloister at Tumacacori in 1688. So there is presented the record of the first min-ing done on the Pacific slope of the

### FINANCES AND MARKETS

NEW YORK, Oct. 14.—An under-current of caution prevailed in today's stock market operations. This was particularly true of the leaders, United States Steel showing decided restraint with allied industrials. Bethlehem Steel yielded 8 points, with 1 to 3 points for Republic Iron & Steel, Colorado Fuel, Industrial Alcohol, New York Air Brake and some of the leading motors. This was carrie counterbalanced by

This was partly counterbalanced by the strength of shipping stocks. Rails were strong at the outset, but sagged in the last hour. Total sales of stocks amounted to 455,000 shares. Coppers falled to respond to reports of additional foreign orders for deliv-ery early in 1917 at not less than 38 certy early in 1917 at not less than 28 cents a pound. Representatives of the big producing companies could not confirm these reports.

Bonds also developed an easier trend on light demands. Total sales, par value, \$2,250,000. United States and Parama bonds advanced to 2 of 1

	per cent on call during the week.	١
8.	MONEY	ŀ
	NEW YORK, Oct. 14.—Mercantile paper, 3½c; sterling 60 day bills, \$471¼; demand, \$475½; cables, \$476 7-16. Bar silver, 68c; Mexican dollars, 52½c. Government bonds strong railroad bonds easier.	ı
1	paper, 3thc: sterling 60 day bills,	Ł
	\$471%; demand, \$475%; cables,	ı
	\$476 7-16. Bar silver, 68c; Mexican	l
	strong; railroad bonds easier.	ı
	Control of the contro	
î.	American Can	1
1	American Car and Foundry 63%	ŧ
В	Amer. Smelting & Refining 105%	4
	American Sugar Refining1144	1
t	American Tel. & Tel132%	4
t	American Zinc, Lead & S 45	ı
	American Boet Sugar         97           American Can         57½           American Car and Foundry         63¾           American Locomotive         74¾           American Sugar Refining         105¾           American Sugar Refining         114¼           American Tel & Tel         132¾           American Zinc, Lead & S         45           Anaconda Copper         30¼           Atchison         105           Baldwin Locomotive         75%	ı
•	Baldwin Locomotive	1
	Baltimore & Ohlo 86%	1
r	Butte and Superior Copper 61%	ı
	California Petroleum 22	1
d	California Petroleum	1
-	Central Leather 76%	1
	Chesapeake & Ohio.         65%           Chicago, Mil. & St. Paul.         94½           Chicago & Northwestern.         128           Chicago, R. I. & Pac. Ry.         22½           Chino Copper.         52%           Colorado Fuel & Iron.         50½           Corn Products Refining.         15%           Crucible Steel.         79½           Distillers' Securities.         42           Erie.         37%           General Electric.         17%           Great Northern Pfd.         117%           Illinois Central.         107%           Interborouigh Consol Corp.         17½           Interborouigh Consol Corp.         17%	1
6	Chicago & Northwestern 126	4
t	Chlengo, R. L. & Pac. Ry 22%	1
5	Chino Copper 52%	4
	Corn Products Refining 15%	4
Ð	Crucible Steel 7914	I
9	Distillers' Securities 42	1
	Connect Floatric	1
	Great Northern Pfd. 117%	1
y.	Great Northern Ore Ctfs 40%	1
	Illinois Central	ı
hg	Interporough Conner Corp 17%	1
5	International Harvester, N. J 115	а
6	Int. Mer. Marine ptd. ctfs107%	Ш
y	Kansas City Southern 27%	4
B,	Louisville & Nashville	ij
2	Inspiration Copper   124   Inspiration Copper   125   International Harvester, N. J. 115   Int. Mer. Marine ptl. ctfs   10734   Kansas City Southern   2774   Kennecott Copper   51   Louisville & Nashville   136   Mexican Petroleum   10536   Mismi Copper   277	1
r	Miami Copper 37 Missouri, Kansas & Texas pfd. 12 Missouri Pacific	d
	Missouri Pacific 12xas pid. 12	a
r,	Montana Fower	ш
i-	National Lead	ä
+	New York Centrel 1978	J
ie	N. Y. N. H. & Hartford 59%	a
of		d
-	Northern Pacific	H
í÷	Pacific Tel & Tel 341	
t,	Pennsylvania	a
1-	Ray Consolidated Copper 25	H
15	Ren from a State	ål.
et	Shattuck Arizona Copper 2814	ı
of	Southern Pacific	ì
	Southern Railway 27%	i.
er	Studebaker Co	•
1-	Texas Company 219	۱
y	Union Pacific 1464 Union Pacific pfd 825 U. S. Industrial Alcohol 1174	Ł
1- of	II. S. Industrial Alcohol	H
1	United States Steel 1081	
	United States Steel pfd 120	
	Utah Copper 92%	Š
7 - 969	Western Union 1901/	
se	Westinghouse Electric 60%	
It	Total sales for the day 455,000 shares	-

FINANCIAL STATEMENT NEW YORK, Out 14—The state-ment of the actual condition of clear-ing house banks and trust companies for the week shows that they hold \$68,914,410 reserve in excess of legal requirements. This is a decrease of \$13,841,070 from lust week. The state-

whose name has been immortalized by his great work, came from the City of Mexico in 1686, and locating in 1678 a mission at a point about thirty miles south of the present international boundary between the United States and Mexico, he names the mission and the river beside whose banks it stood, one the Mission Dolores and the other Rio Dolores. From that point as a base of operations the devoted missionary established missions at Cocospera, Remedios, Santa Barbara.

In the Santa Cruz Valley, below the ment follows: Actual condition: Loans, discounts, etc., \$3,337,732,000; decrease, \$17,164,000. Circulation, \$31,484,000; increase

(B) Of which \$342,922,000 is specie. Aggregate reserve, \$632,929,000. Excess reserve, \$68,914,410; decrease, \$13,641,070.

Summary of state banks and trust companies in Greater New York, not included in clearing house statement:
Loans, discounts, etc., \$726,307,500; increase, \$6,300,000.

Specie, \$59,549,100; increase of \$993, 500. Legal tenders, \$9,986,900; increase

RESERVE BOARD STATEMENT
WASHINGTON, Oct. 14.—The federal reserve board's statement of combined resources and liabilities of the federal reserve banks at the close of business October 14 follows:

Gold coin and certificates in vault, \$267,400,000. Gold settlement fund. \$125,261,000. Gold settlement fund. \$120,251,000.
Gold redemption fund with United
States trensurer, \$1,687,000.
Total gold reserve, \$394,348,000.
Legal tender notes, silver, etc., \$11,-

Total reserve, \$495,725,000. Five per cent redemption fund against federal reserve bank notes, Bills discounted and bought: Maturities within ten days, \$13,

From 11 to 30 days, \$27,175,000. From 31 to 60 days, \$33,591,000. From 61 to 90 days, \$23,986,000. Over 90 days, \$1,191,000. Total, \$99,486,000.

Investments: United States bonds, \$42,642,000. One year U. S. trensury notes, \$10. 444,000 Municipal warrants, \$31,542,000. Total earning assets, \$184,114,000, Federal reserve notes, .net, \$15,-

Due from federal reserve banks, net, All other resources, \$2,675,000. Total resources, \$638,252,000. Liabilities: Capital paid in, \$55,682,000.

Federal reserve notes, net, \$12,-316,000. Federal reserve bank notes in cir-

receral reserve bank notes in circulation, \$1,033,000.

All other liabilities, \$464,000.

Total liabilities, \$638,252,000.

Gold reserve against net deposit and
note liabilities, 71.6 per cent.

Cash reserve against net deposit and note liabilities, 73.6 per cent.

Cash reserve against net deposit liabilities after setting aside 40 per cent gold reserve against sagregate net liabilities on federal reserve notes in circulation, 74.4 per cent.

CHICAGO, Oct. 14.—Uneasiness over prospects of submarine activities between now and Monday had a bearish effect on wheat today. The outcome was an unsettled close, with December \$1.57%; May \$1.57% to \$\% \text{and}\$ the market as a whole \$\% \text{c}\$ off to \$\% \text{c}\$ ap compared with yesterday's finish. Corn lost \$\% \text{de} \text{Ve}\$ to \$\% \text{c}\$ and onts Corn lost 14.0 %c to 4c, and onts \$6.4c to 4c. Provisions closed at a range which varied from sixty cents decline to a rise of 2½c.
Congestion of transportation on eastern reads, especially at Buffalo. did a good deal to handleap the bull side of the market, and so too did sins of an enlargement of the United States visible supply total on Mon-

clay,

Corn eased off with wheat. Export corn sales of 616,000 bushels,
bowever, prevented any radical setback. Big receipts weakened oats. back. Big receipts weakened oats.
The total for the week was more than double the amount at the corresponding time last year.

Provisions averaged fair with hogs and because of a falling off in ship-n.eats. Nevertheless October lard remained strong and scored a

KANSAS CITY, Oct. 14.—Wheat, No. 2 hard \$1.56@1.64; No. 3, \$1.53@1.60; December, \$1.62%@%; May, \$1.53@%; Corn, No. 2 mixed, 84@%c; No. 2 yellow, 86c; Dec., 74@%c; May, 782.0. Oats, No. 2 white, 47%c; No. 2 mixed, 46@47c.

CHICAGO, Oct. 14.—Hog receipts, 20,000; active 15 cents under yesterday's average, bulk \$9.456:9.90; light, \$9.106:9.95; mixed \$9.206:10.10; neavy, \$9.106:9.95; rough, \$9.106:9.20; pigs, \$7,00609.00

Cattle receipts 1,000; steady. Na-tive beef steers, \$6,60@11.10; western 7.75; cows and heifers, \$3.50@ 9.30. Sheep receipts 1,000; strong. Weth-ers, \$6.00@8.25; lambs, \$7.75@10.40. KANSAS CITY, Oct. 14.-Hog re-

KANSAS CITY, Oct. 14.—Hog receipts 2,000; lower, Bulk, \$9.5049.85; 9.20; ptgs, \$8.5049.00.
Cattle receipts 600; steady. Prime fe1 steers, \$3.50411.00; western steers, \$6.5049.25; cows, \$4.5047.25; helfers, \$6.0049.50; stockers, \$5.5049.80.
Sheep receipts 1,200; lambs, \$3.6542 10.30; yearlings, \$7.5049.50; wethers, \$7.0047.75; ewes, \$6.5047.25.

DENVER, Oct. 14.—Cattle recipts 200 market steady. Peof steers, \$6.00 \$7.50; cows and helters, \$5.25@7.50; stockers and feeders, \$5.25@7.75; colves, \$8.00@10.00. Host receipts 300; market 5c lower. Top \$9.45; bulg, \$9.25@9.45

receipts 12,000 market Lambs, \$9,506,10,00; ewes

NEW YORK, Oct. 14.—Copper-irm; electrolytic first quarter

Tin-Quit: spot offered at \$42.00.
At London: Spot copper £122:
futures, £118 10s; electrolytic £145.
Spot tin, £180 15s; futures, £181 5s.
The mistal exchange quotes lead,
\$1.05 asked: speiter dull: spot; East
St. Louis delivery, \$24.
At London: Lead, £30 10s; spoiter, £56.

COPPERS Compiled for The Republican by

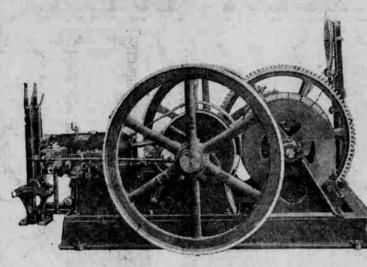
O	-0
Bid	Ask
Anaconda	-
Butte & Superior 61%	
Arizona Commercial 114	
Calumet & Arizona 7314	74
	578
Chile Copper 70%	
China 52%	-
Copper Range 65% Daly West 2%	66
Daly West 2%	2
Dundee Arizona 1%	300
Green Monster 3%	4
Greene Cananea 49%	2
Inspiration Needles 15-16	1.36
Inspiration	_
Isle Roycle 31 1/2	32
Jerome Verde	
Kennecott 51	-
Magma Copper 174	18
Massachusetts Consol 145	15
Miami	
Mohawk 48	9234
Nevada Consolidated 21	200
New Cornlia	1714
North Butte 2014	2044
Old Dominion	68%
Old Dominion 68 Osceola 88	60.72
Quincy 88	89
Ray Consolidated 25	0.0
Ray Hercules 346	1176
	514
South Lake	
Superior & Hoston 416	4.56
Tenn. Cooper 2236	Mar. 1
United Verde, Extension, 37%	R7:54
Utah Consolidated 14	1436
Utah Copper 92% Victoria 4%	700
Victoria 4%	436
Winona 5	544
Wolverine	
Oatmans	
Big Jim119	120
Carte	11
Fessenden	14
Ivanhoe 8	.0
Lucky Boy 14	15
[vanhoe	205
United Eastern	-
United Western 52	

Arizona Butte ... Chloride Mining ..... San Juan .....

LOS ANGELES MARKET LOS ANGELES, Oct. 13 Prices quoted are for livestock weighed and delivered off the car without food and

CATTLE: (On foot and cross

# The Mining Interests of Arizona



KNOW THEY HAVE DEPENDABLE POW-ER IN A

AN ORGANIZATION WITH NEARLY THIRTY YEARS OF GASOLINE AND OIL EXPERI-ENGINE ENCE. THEY ARE

FIRST IN DESIGN, WORKMANSHIP AND MATERIAL. Reliability should be expected to a greater extent of an engine than from an Insurance Company or a Bank, it being possible to not only lose the money invested in an unreliable engine, but a great deal more in lost time, high cost of maintenance, etc. Slight differences in cost should not be exaggerated out of all proportion to the possible saving in operating a HIGH QUALITY ENGINE for a period of years.. Considering the fact that a FOOS engine properly handled may be expected to last a lifetime, a lower quality of engine might not be cheap enough at ANY price. We can furnish you with a FOOS engine for every purpose, from 11/2 H, P. to 500 horsepower. Being the largest jobbers and distributors of mine equipment in this state, naturally we are in position to save you lots of time, as well as large round sums of money on freights, long delays in suspended operation, etc.

> Specify Powell Valves and Engine Trimmings---and the Famous Hart Line of Stocks and Dies :: :: ::

## Pratt-Gilbert Co.

JOBBERS-DISTRIBUTORS

PHOENIX, ARIZONA

That minerals of strontium are found in quantity in Arizona is a fact that is not generally known, according to a builtetin of the Arizona State Bureau of Mines. Fifteen miles south of Glia Bend, in Maricopa county, strontium, as celestite, occurs in the sedimentary series associated with gypsum, sandstone and conglomerate. The most promising beds are 40 to 50 feet thick, and are most productive in the upper ten feet. There are undoubtedly other undiscovered deposits of strontium salts within the state, but they are not recorded.

The Council reserves the right to reject any and all bids.
It is further ordered that this order to published in the Arizona Republican. A newspaper published in the City of Phoenix, Arizona, once each week for four consecutive week.
All bids should be addressed to the published deposits of strontium salts.

H. P. WARD, Town Clerk, Wickenburg, Arizona.

Wickenburg, Arizona.

On the said amount, together with a foreclosure of plaintiff's mortgage lien as against each and all ovigitation of gether with a foreclosure of plaintiff's mortgage lien as against each and all ovigitation and all off said defendants upon the following described premises, to-wit:

Lots Fourteen (14), Fifteen (15) and Sixteen (16) in Block Five (5), in Collins Addition to Wickenburg, as per map or plat of said Addition on file and of record in the office of the County Recorder of Maricopa County, Arizona, in Book 3 of Maps at page 1 the rest.

All bids should be accompanied by a certified cheek for not less than a foreclosure of plaintiff's mortgage lien as against each and all office of said defendants upon the following described premises, to-wit:

Lots Fourteen (14), Fifteen (15) and Sixteen (16) in Block Five (5), in Collins Addition to Wickenburg, as per map or plat of said Addition on file and of record in the Office of the County Recorder of Maricopa County, Arizona, in Book 3 of Maps at page 1 the rest.

As said Mortgage lien existed on the Sixte of the County Recorder of Maricopa County, Arizona, and the

corded.

Strontiam is not easily identified by the eye, but is very easily identified by the simple tests that are outlined in Rulletin No. 35 of the Arizona State Bureau of Mines, entitled Celestite and

By R. Allyn Lewis

Another day of liquidation and lort relling. The street has not been short selling. The street has not been as bearish in a good many months as it is now. The near approach of the election, the fear of Wilson's re-election, a renewal of the submarine trouble, the peace talk have all turned many former bulls into bears. Liquidation in the past week has been of a large scale and conditions are pret-ty sound. Steel looks high to who it used to sell at, but it does not look high if it earns \$95,000,000 for the quarter as it is expected to show. Norfolk continues the strong feature in the railroad list although there seems very few rails for sale at these prices. This market was not made by any political party and it will not be unmade by any politica party. As long as present condition continue while we are the market of the world for commodifies and securities, prices will hold in many cases and advance in others. Most people can call reactions but the become who play for reactions do not make big money. The man who sold his Norfolk at 137 saw an eleven point deciling his house. weight). No. 1 steers weighing 300 cline but how many bought it back? 1200 pounds. \$1.25@7.56; seconds, \$6.12@6.75; common thin, \$6.00@6.25; common thin, \$6.00@6.25; common thin, \$6.00@6.25; seconds, \$5.50@5.75; thin, \$4.50@5.00.

\$6.000-6.25; seconds, \$5.50-05.75; thin, \$4.500-5.00.

BULLS AND STAGS: Good, \$5.00; medium, \$4.000-6.25; Light weight, \$9.00; medium heavy \$8.000-9.00.

SHEEP: (Per head, desirable wood). Wethers, \$6.500-7.00; eves, \$6.50-6.75; suckling lambs, \$6.000-6.25.

HOGS: (Hard grain fed). 150 to 250 pounds, \$8.50; 350 pounds, \$9.00; 250 to 250 pounds, \$8.50; 350 pounds and up, \$8.000-75.5.

POULTRY: Broilers, 33c; fryers, 25c; roasters, 26c; old cocks, 19c; light hems, 14c; heavy turkeys, 25c; old ducks, 15c; young geese, 15c; squabs, \$2.00 dozen.

FUTTER: Receipts 43.200 pounds; extran, 33c; first, 31c.

EGGS: Receipts 147 cases; selected, 54c; case count, 59c; cundled 52c.

ALFALFA HAY: \$14.000-16.00.

SHERIFF'S SALE

said bonds to be sold to the highest bidder at a meeting of the Council to be held on the 30th day of October. 1916, at the hour of 19 30 Å. M. at the Council Chambers of the Town of Wickenlourg at which time sealed proposals and bids will be received and acted upon by the Council and the sale rewarded to the highest and best responsible bidder; provided that no bids will be received for said bonds for less than par and accrued interest.

Arizona, in Book 3 of Maps at page 1 thereof.

As said Mortgage Hen existed on the 5th, day of October, A. D. 1916, and that said property be sold as under execution in satisfaction of said

Strontiom is not easily identified by the eye, but is very easily identified by the simple tests that are outlined in Bulletin No. 35 of the Arizona State Bureau of Mines, entitled Celestite and Strontianite.

Theer are several uses for strontium salis, the principal one being in the sugar industry, and in the manufacture of fireworks. This bulletin may be secured by writing Charles F. Willis, director, Arizona State Bureau of Mines, Poetfor, Arizona, State Bureau of Mines, Poetfor, Arizona, State Bureau of Mines, Poetfor, Arizona, On the Judgment of Three O'Clock P. M., on Tuesday the 21st, day of October 1916, and to me bilder and best bidder and best

STOCKS BONDS — INVESTMENTS

R. ALLYN LEWIS

Private Leased Wire to All Exchanges 107 North Central Ave., Phoenix Globe-Bisbee-Jerome-Prescott

# Galvanized Tanks

Sheet Metal Work Is My Business

NO MATTER WHAT YOUR REQUIREMENT MAY BE IN THE SHEET METAL LINE - IT IS CERTAINLY TO YOUR OWN BEST INTERESTS TO GET MY FIGURES AND SPECIFICATIONS.

I have been here for a long period of years and my work today stands as a monument to my skill and workmanship. A process that I am now using for the restoration of apparently old and worthless tanks has added years and years of usefulness to old tanks, and has saved my customers many hundreds of dollars. For tanks of any capacity, irrigation accessories, bath-tubs, troughs, piping, canteens, valleys, flashing, or anything that is made of sheet metal, consult with me. All mail orders receive my personal active attention.

# F. A. BUTLER, Tinsmith

PHOENIX, ARIZONA